

ABSTRACT

An object is to provide a particulate matter vibro-fluidizing device capable of circulating particulate matter by vibro-fluidizing the particulate matter in such a manner that granules are homogeneously dispersed over an entire surface as a result of circulating most of particulate matter 3 so that the particulate matter appears at high speed without the necessity of using a fluid such as air or gas, or a medium such as impact balls etc., so that composite processes such as crushing of an agglomerate powder and dispersion, mixing and drying of particulate matter can be carried out directly with respect to the circulating particulate matter without the necessity of a complex mechanical structure. Treatment means for particulate matter 3 comprises different vibrating bodies 2 and 4 linking with vibrating means 1 being grouped together, and is configured in such a manner as to subject the particulate matter 3 to fluidization treatment due to the cooperative oscillating action caused between the different oscillators.